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COUNTY OF LOS ANGELES
FISH AND GAME COMMISSION

LOS ANGELES COUNTY FISH AND GAME COMMISSION
INFORMATION FOR GRANT APPLICANTS

THE COMMISSION

The Los Angeles County Fish and Game Commission is an advisory body for the Los Angeles County Board of Supervisors and the Fish and Game Warden regarding the propagation and protection of fish and game in Los Angeles County and the State of California. It was created by authority of a resolution adopted February 26, 1952 under Chapter 3.26 and Chapter 6.44 of the Los Angeles County Code. The Commission administers and makes recommendations for the disbursement of funds received from fines for violations of the Fish and Game Code within the County of Los Angeles. Grant making is based on the availability of funds, geographical and categorical considerations and a thorough evaluation of the information provided by applicants. The Commission meets quarterly, but grant applications may be submitted at any time.

POLICY AND OBJECTIVES

The policy of the Los Angeles County Fish and Game Commission is to encourage the conservation and maintenance of wildlife resources in conjunction with Sections 1801 and 13103 of the California Fish and Game Code. This policy includes the following objectives:

- To enhance Fish and Game activities including propagation, protection and restoration
- To support Fish and Wildlife projects
- To further Research and Education in areas related to Fish and Wildlife

APPLICATION SUBMISSION REQUIREMENTS

Non-profit organizations with an IRS 501 (c) (3) tax-exempt status or a purpose consistent with the definition of 501 (c) (3) status are eligible to apply.

Project/Program Must Clearly Qualify For Funding Under Section 13103 of the California Fish and Game Code - (Please Refer to Attachment A). Projects funded under this Section must be expended for the propagation and conservation of fish and game within or outside the County.

Completed applications must be submitted via e-mail to Fish&Game@bos.lacounty.gov or to the following address:

LOS ANGELES COUNTY FISH AND GAME COMMISSION
500 WEST TEMPLE STREET, ROOM B-50
LOS ANGELES, CALIFORNIA 90012

Supervisorial District representatives, County Department and/or Organization must attend and make a presentation at the Commission meeting, as notified, in order to have their grant application considered.

APPLICATION EVALUATION CRITERIA

Applications must include all of the information and materials requested on the attached Grant application for consideration by the Commission. If additional space is required, please use 8½ x11 paper.

Revised 09/19/11

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LOS ANGELES COUNTY FISH AND GAME COMMISSION

GRANT APPLICATION TITLE PAGE

TITLE OF PROJECT/PROGRAM: Students and Steelhead: An investigation of a precious local habitat

SUPERVISORIAL DISTRICT: Second District

SUPERVISORIAL DISTRICT CONTACT: Karly Katona

SUPERVISORIAL DISTRICT PLANNING DEPUTY: Karly Katona

TELEPHONE NUMBER(S): (213) 974-2222

DEPARTMENT/ORGANIZATION: California Science Center Foundation
[As it appears on (501) (c) (3) IRS Letter] (If applicable)

ADDRESS: 700 Exposition Park Drive

CITY: Los Angeles STATE: CA ZIP CODE: 90037

TELEPHONE NUMBER: (213) 744-2089 FAX NUMBER: (213) 744-2240

AMOUNT REQUESTED: $4,500

AUDITED TOTAL INCOME: $21,919,471 AUDITED TOTAL EXPENSES: $14,613,290

FOR FISCAL YEAR BEGINNING: July 1, 2010 AND ENDING: June 30, 2011

SUPERVISOR SIGNATURE DATE

Note: Please complete this title page and attach all grant application materials prior to submission. If you have any question you may contact the Fish and Game Commission staff at (213) 974-1431.

For all areas that are not applicable, please indicate N/A in area.

One Page Project Summary

Southern steelhead trout is a unique species that is native to streams and creeks in Southern California. Habitat degradation has greatly reduced their numbers, but recovery is possible if the public is galvanized to restore habitats to allow these amazing fish to accomplish their migration to the sea. This project will introduce 3rd grade students to the ecosystems that support steelhead trout and help them to learn about what can be done to help this species recover. The California Science Center Foundation operates the Dr. Theodore T. Alexander, Jr. Science Center School as an affiliated charter school with the Los Angeles Unified School District. The students from this neighborhood school learn through active participation in an integrated curriculum that focuses on science, mathematics and the use of technology. The Science Center's Curator of Ecology Programs will introduce steelhead trout and the characteristics of the ecosystems that support them during classroom sessions prior to making two field trips to Topanga Creek in the Santa Monica Mountains. During the first field trip students will be introduced to the ecosystem by biologists and staff from the Resource Conservation District of the Santa Monica Mountains (RCD). On this field trip they will measure water quality in the creek and the lagoon, quantify the presence of native versus invasive plant species, and assess the abundance and diversity of aquatic insects, which is another important measure of water quality and habitability for the fish. After the first trip students will develop small group research projects based on their experiences of the first trip. On the second trip they will return to one location at the creek and conduct their own investigations. They will use data gathered by the RCD and compare it to their own findings. This research will become part of their school science fair projects.

Background on Applicant:

Purpose and goals:

The California Science Center Foundation aspires to stimulate curiosity and inspire science learning in everyone by creating fun, memorable experiences, because we value science as an indispensable tool for understanding our world, accessibility and inclusiveness, and enriching people's lives.

Brief summary of current activities:

A national and international leader in science learning and education, the California Science Center is the only organization in the country that combines a major regional science center, an adjacent neighborhood elementary school and a teacher professional development center at one site. Since opening in 1998, the Science Center has welcomed more than 19.5 million guests at an average of 1.4 million per year.

Geographic area served:

Located in an economically challenged and ethnically diverse neighborhood just south of downtown Los Angeles, the Science Center is open admission free, seven days a week, 362 days per year. Guests of the Science Center are primarily drawn from a five-county region: Los Angeles, Orange, Riverside, San Bernardino and Ventura; but our programs and exhibitions attract visitors from around the world.

Major sources and dollar amounts of corporate, foundation and government support during current and past fiscal year:

* Education Programming and Exhibit Sponsorship for fiscal year 2010-11 includes:

The Ahmanson Foundation. $47,000

Armed Forces Communications and Electronics Association, $5,000

Bowen H. and Janice Arthur McCoy Charitable Foundation, $5,000

Broadcom Foundation, $4,950

California HealthCare Foundation, $10,000

Doris Duke Charitable Foundation, $50,000

Gary Saltz Foundation, Inc., $30,000

Hitachi Foundation and Hitachi SCRCAC, $5,000

Hutto Patterson Charitable Foundation, $60,000

Ibrahim El-Hefni Technical Training Foundation, $274,711

* Note: This is an incomplete listing.

History of all grants received from the Los Angeles County Fish and Game Commission:

The California Science Center Foundation has not received any grants from the Los Angeles County Fish and Game Commission.

Project Information

Statement of justification of need:

The southern steelhead trout (oncorhynchus mykiss irideus) is an endangered species with only a few hundred adults returning to spawn annually. Protection and restoration of steelhead trout habitat is of primary importance to help save this species. Increased public knowledge of this species and its habitat is one means of building public support for its conservation.

Statement of purpose and goals:

The purpose of this project is to provide an outdoor education experience for 3rd graders at the Alexander Science Center School. The goal is to educate them about steelhead trout and their ecosystems to increase awareness, concern and support for this unique Southern California species. This experience will help students understand how human beings can play a role in protecting and preserving these ecosystems.

Action plan to meet objectives:

Students will receive educational presentations about steelhead trout and the stream ecosystems they inhabit, including discussions of the impact of water quality and riparian plant communities on fish health. Field trips to the Topanga Creek will build upon this knowledge and give students a foundation on which to develop questions they will investigate and answer.

Statement of how the objectives advance the propagation and protection of fish and wildlife:

By educating our students about the ecological requirements of steelhead trout they will better understand the importance of these fish in local streams and creeks and come to develop a stewardship ethos. Increasing public understanding and awareness of steelhead trout will increase public demand for projects that protect the species and the ecosystems on which they depend.

Project budget and timetable:

The Students and Steelhead project will involve two outdoor educational experiences for 3rd graders at the Science Center School during March and May 2012. We request up to $4,500 as a set aside to support the purchase of scientific testing equipment and supplies to be used by the 3rd grade students of the Science Center School, in addition to other grade levels that are focused on the study of ecology, throughout the academic year and during the field trips. The California Science Center Foundation will invoice the Fish and Game Commission as these expenses are incurred.

Sources of other support for project:

The California Science Center Foundation and teachers of the Alexander Science Center School will continue to seek additional funding to cover other anticipated project expenses, including personnel and bus transportation.

Current status of project:

The program is under development by staff of the California Science Center Foundation, the Resources Conservation District of the Santa Monica Mountains, USC Sea Grant Program, and faculty of the Alexander Science Center School.

Cash flow analysis of the expenditure of project funds:

Funding is needed prior to the first field trip in March 2012 and as incurred.

Proposed method of evaluating results:

Pre- and post-project evaluations of student knowledge about steelhead trout, threats to their ecosystems, and means of protecting them will measure the amount of knowledge gained by students over the course of this program.

Plans for funding on-going project (if applicable):

The California Science Center Foundation currently supports ongoing outdoor education experiences for 4th and 5th grade Science Center School students through donor provided funds and is committed to supporting trips for additional grade levels in the same manner.

Please Attach the Following Supporting Documents, if applicable:

- Copy of the Latest IRS Determination Letter of Tax Exempt Status under Section 501(c) (3)
- Organization's Most Recent Audited Financial Statement
- Organization Most Recent IRS Form 990

ATTACHMENT A

CALIFORNIA FISH AND GAME CODE

§ 13103. Expenditures from fish and wildlife propagation fund; purposes

Expenditures from the fish and wildlife propagation fund of any county may be made only for the following purposes:

(a) Public education relating to the scientific principles of fish and wildlife conservation, consisting of supervised formal instruction carried out pursuant to a planned curriculum and aids to education such as literature, audio and video recordings, training models, and nature study facilities.

(b) Temporary emergency treatment and care of injured or orphaned wildlife.

(c) Temporary treatment and care of wildlife confiscated by the department as evidence.

(d) Breeding, raising, purchasing, or releasing fish or wildlife which are to be released upon approval of the department pursuant to Sections 6400 and 6401 onto land or into waters of local, state or federal agencies or onto land or into waters open to the public.

(e) Improvement of fish and wildlife habitat, including, but not limited to, construction of fish screens, weirs, and ladders; drainage or other watershed improvements; gravel and rock removal or placement; construction of irrigation and water distribution systems; earthwork and grading fencing; planting trees and other vegetation management; and removal of barriers to the migration of fish and wildlife.

(f) Construction, maintenance, and operation of public hatchery facilities.

(g) Purchase and maintain materials, supplies, or equipment for either the department's ownership and use or the department's use in the normal performance of the department's responsibilities.

(h) Predator control actions for the benefit of fish or wildlife following certification in writing by the department that the proposed actions will significantly benefit a particular wildlife species.

(i) Scientific fish and wildlife research conducted by institutions of higher learning, qualified researchers, or governmental agencies, if approved by the department.

(j) Reasonable administrative costs, excluding the costs of audits required by Section 13104, for secretarial service, travel, and postage by the county fish and wildlife commission when authorized by the county board of supervisors. For purposes of this subdivision, "reasonable cost" means an amount which does not exceed 3 percent of the average amount received by the fund during the previous three-year period, or three thousand dollars ($3,000) annually, whichever is greater, excluding any funds carried over from a previous fiscal year.

(k) Contributions to a secret witness program for the purpose of facilitating enforcement of this code and regulations adopted pursuant to this code.

(l) Cost incurred by the district attorney or city attorney in investigating and prosecuting civil and criminal actions for violations of this code, as approved by the department.

(m) Other expenditures, approved by the department, for the purpose of protecting, conserving, propagating, and preserving fish and wildlife.

(Amended by Stats.1990, c 764 (A.B. 4039), § 3; Stats.1991, c. 561 (A.B.722), § 2.)